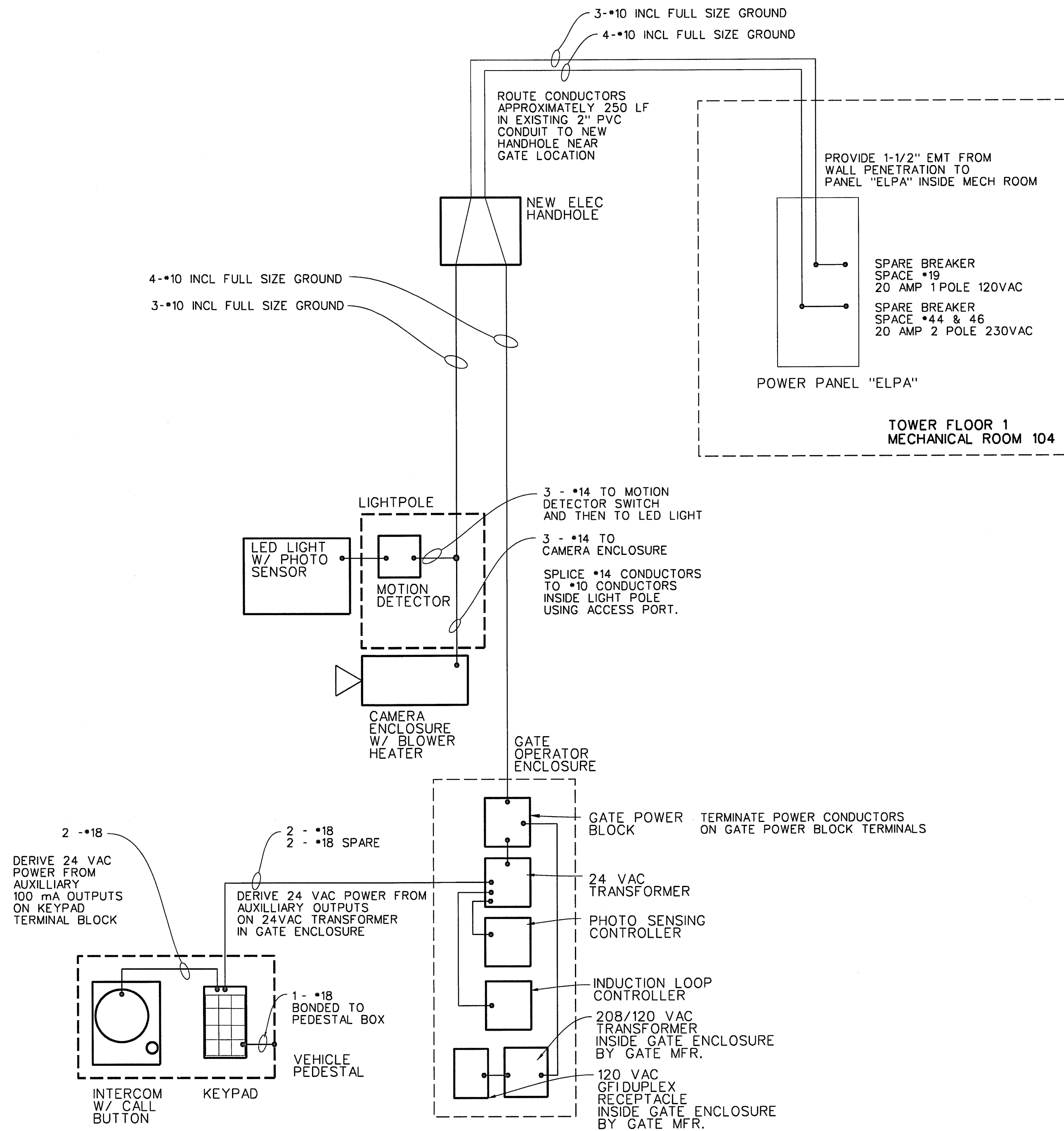


CONTROL, COMMUNICATION AND CAMERA DIAGRAM
NO SCALE



ELECTRICAL DIAGRAM (208/120/24 VAC)
NO SCALE

NOTES

- 1. ALL CONDUCTORS AND CABLES WILL BE CONTINUOUS AND UNSPLICED.
- 2. SEE FAA ORDER 1217F FOR SPECIAL FAA ELECTRICAL REQUIREMENTS IN ADDITION TO NEC.
- 3. USE SPARE BREAKER IN SPACES 44 AND 46 FOR TWO POLE 20 AMP 208 V CONDUCTORS TO GATE OPERATOR.
- 4. USE SPARE BREAKER IN SPACE *19 FOR SINGLE POLE 20 AMP 120 V CONDUCTORS TO LIGHT POLE FOR LED LIGHT AND CAMERA ENCLOSURE.
- 5. MOST 24 VAC COMPONENTS INSIDE GATE ENCLOSURE WIRED FOR POWER BY GATE MANUFACTURER.
- 6. DUPLEX RECEPTACLE PROVIDED BY GATE MANUFACTURER INSIDE GATE OPERATOR ENCLOSURE.
- 7. PROVIDE SPARE PAIR OF *18 CONDUCTORS TO EACH DEVICE FOR FUTURE USE.
- 8. FIELD CONNECT ALL CONTROL DEVICES PER MANUFACTURER'S INSTRUCTIONS.
- 9. PROVIDE 5 EACH 2" DIAMETER ROUND PLASTIC ENGRAVED TAGS WITH 1/2" OFFSET HOLES. AFFIX TAGS TO CONDUCTORS IN HAND HOLES WITH ZIP TIES..
- 10. TEST ALL ASPECTS OF GATE AND CONTROLS OPERATION AND DEMONSTRATE SAME TO RESIDENT ENGINEER.

FOR OFFICIAL USE ONLY
PUBLIC AVAILABILITY TO BE DETERMINED UNDER 5 USC 552

REV	APPROVED DATE	DESCRIPTION	JCN	REDLINE DATE	APVD
DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION ATO - TECHNICAL OPERATIONS WESTERN SERVICE AREA ATCT TILT-UP GATE INSTALLATION NEW FENCE AND GATE COMMUNICATIONS & ELECTRICAL DIAGRAMS					
REDMOND		ROBERTS FIELD AIRPORT		OR	
REVIEWED BY	SUBMITTED BY <i>Edwin L. Tindler</i>		APPROVED BY <i>Steve Q. Bui</i>		
DESIGNED	GG	ISSUED BY ENGINEERING SERVICES INFRASTRUCTURE		MGR: ENGINEERING - SEATTLE DATE 12/5/2011 JCN 807196	
DRAWN	GG	CHECKED		DRAWING NO RDM-807196-E001	